



# Italian Technology Platform on Industrial Safety (PTISI)

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# Sicurezza Industriale

Sicurezza per una Crescita Industriale Sostenibile

# Italian Technology Platform on Industrial Safety (PTISI)

➔ **PTISI Platform is the Italian mirror site of ETPIS**

## **Aims of PTISI:**

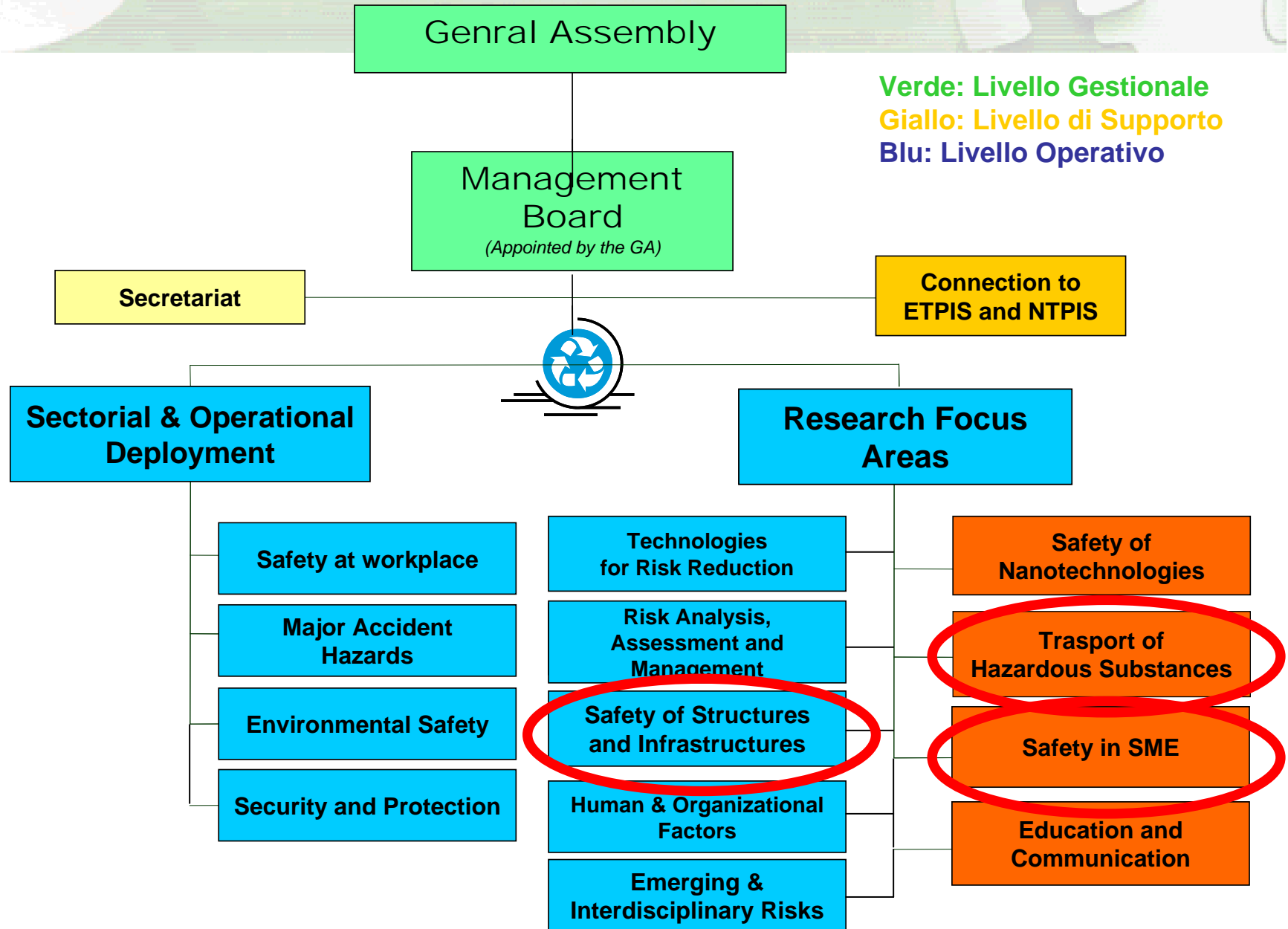
- Definition of a National Strategic Research Agenda**
- Development of actions and common projects for Research, Technological Transfer and Education on strategic issues**
- Coordination of actions with ETPIS and other National Platforms**
- Coordination of actions at a National level**
- Linking actions at European level with those promoted at a National level**

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## **Specific issues of Industrial Safety in Italy:**

- Limited size of companies (mostly SMEs)**
- Extended use of public infrastructures for industrial aims (e.g. transport of hazardous materials by road or rail) due to geographical reasons**
- Competencies on industrial safety mainly at a local level: fragmentation of technical and administrative competencies**
- Strong aversion of the population to industrial risk (NIMBY & BANANA syndromes)**

# Structure of PTISI



## PTISI - past activities

- Rome, January 17th, 2006: constitution of a working group for PTISI**
- Bologna, February 28th, 2006: 1st General Assembly of PTISI. Definition of PTISI structure and managing board**
- Milan, April 28th, 2006: 2nd General Assembly of PTISI. Presentation of the first draft of the Strategic Research Agenda**
- Naples, May 23rd, 2006: Official Launch of PTISI. Discussion of Research Priorities based on the Strategic Research Agenda of PTISI.**

# Results of 8 months of PTISI Activities

- ✓ **Strategic Research Agenda of PTISI (ARS)**
- ✓ **Prioritary framework projects for each Focus Group and research HUB**
- ✓ **Linking and promotion of ETPIS initiatives at a National level**
- ✓ **Exploitation of ARS and Prioritary Research Themes at a National Level**

# PTISI Priorities

- Improving Human Performance in Safety Critical Systems**
- Analysis of the risk in the transport of hazardous substances in tunnels**
- Advanced Methodologies for the Management of Industrial Risk**
- Development of specific procedures for risk assessment in SMEs**
- Development of a virtual assistance centre for SMEs by a network of competencies and of experimental devices**
- Advancement of methods for the assessment of the Inherent Safety of Substances**
- Structural integrity of industrial plants in accidents or in natural events**
- Analysis of information strategies of industrial companies**

# Planned Activities

- **Direct involvement of institutional and industrial actors in the framework projects**
- **More effective coordination at National/European level**
- **Technical Tables to create transversal technical boards for the discussion of safety-related problems**
- **Further extension of actors involved**

